

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Carr et al.

Title: METHODS FOR HIGH  
FIDELITY PRODUCTION OF  
LONG NUCLEIC ACID  
MOLECULES WITH ERROR  
CONTROL

Appl. No.:

Filing Date: Herewith

Examiner:

Art Unit:

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.	
E1962522063US (Express Mail Label Number)	December 10, 2003 (Date of Deposit)
Ronald Banerji (Printed Name)	
Ronald Banerji (Signature)	

**UTILITY PATENT APPLICATION  
TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Peter A. Carr  
33 Woburn Street  
Medford, Massachusetts 02155

Brian Y. Chow  
12 Chatham St., Apt. 2  
Cambridge, Massachusetts 02139

Joseph M. Jacobson  
223 Grant Avenue  
Newton, Massachusetts 02459

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33 Richard Avenue  
Cambridge, Massachusetts 02140

Christopher Emig  
4010 Jefferson Street  
Napa, California 94558

☐ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

☒ Specification, Claims, and Abstract (57 pages).

☒ Informal drawings (34 sheets, Figures  
1A,1B,1C,1D,1E,1F,2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,4,5,6A,6B,7,8A,8B,8  
C,9A,9B,10,11A,11B,12A,12B,13A,13B,14A,14B,15A,15B,15C,15D,15E,15F,15  
G,16A,16B,16C,17,18,19,20,21A,21B,22,23A,23B,24,25).

☒ Unexecuted Declaration and Power of Attorney (5 pages).

☐ Assignment of the invention.

☐ Assignment Recordation Cover Sheet.

☐ Small Entity statement.

☒ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).

☐ Information Disclosure Statement.

☐ Form PTO/SB/08 with copies of \_\_\_\_ listed reference(s).

☒ Application Data Sheet (37 CFR 1.76).

☐ Claim for Convention Priority.

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	10	-	20	=	0	x	\$18.00	=	\$0.00
Claims:									
Independents	8	-	3	=	5	x	\$86.00	=	\$430.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of					+		\$130.00	=	\$130.00
Executed Declaration and late payment of filing fee									
							SUBTOTAL:	=	\$1330.00
<input type="checkbox"/>							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$1,330.00

☐ A check in the amount of \$0.00 to cover the filing fee is enclosed.

☒ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

☐ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 12/10/03

By Ronald Banerji

FOLEY & LARDNER  
Customer Number: 27433  
Telephone: (312) 832-4357  
Facsimile: (312) 832-4700

Ronald Banerji  
Attorney for Applicant  
Registration No.53,966

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Ronald Banerji (Printed Name)	
Ronald Banerji (Signature)	

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. Applicants hereby request that the attached application not be published under 35 U.S.C. 122(b).

Respectfully submitted,

Date 12/10/03

FOLEY & LARDNER  
Customer Number: 27433  
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By Ronald Banerji

Ronald Banerji  
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